



“FCPS GeoLink”

Fairfax County Public Schools



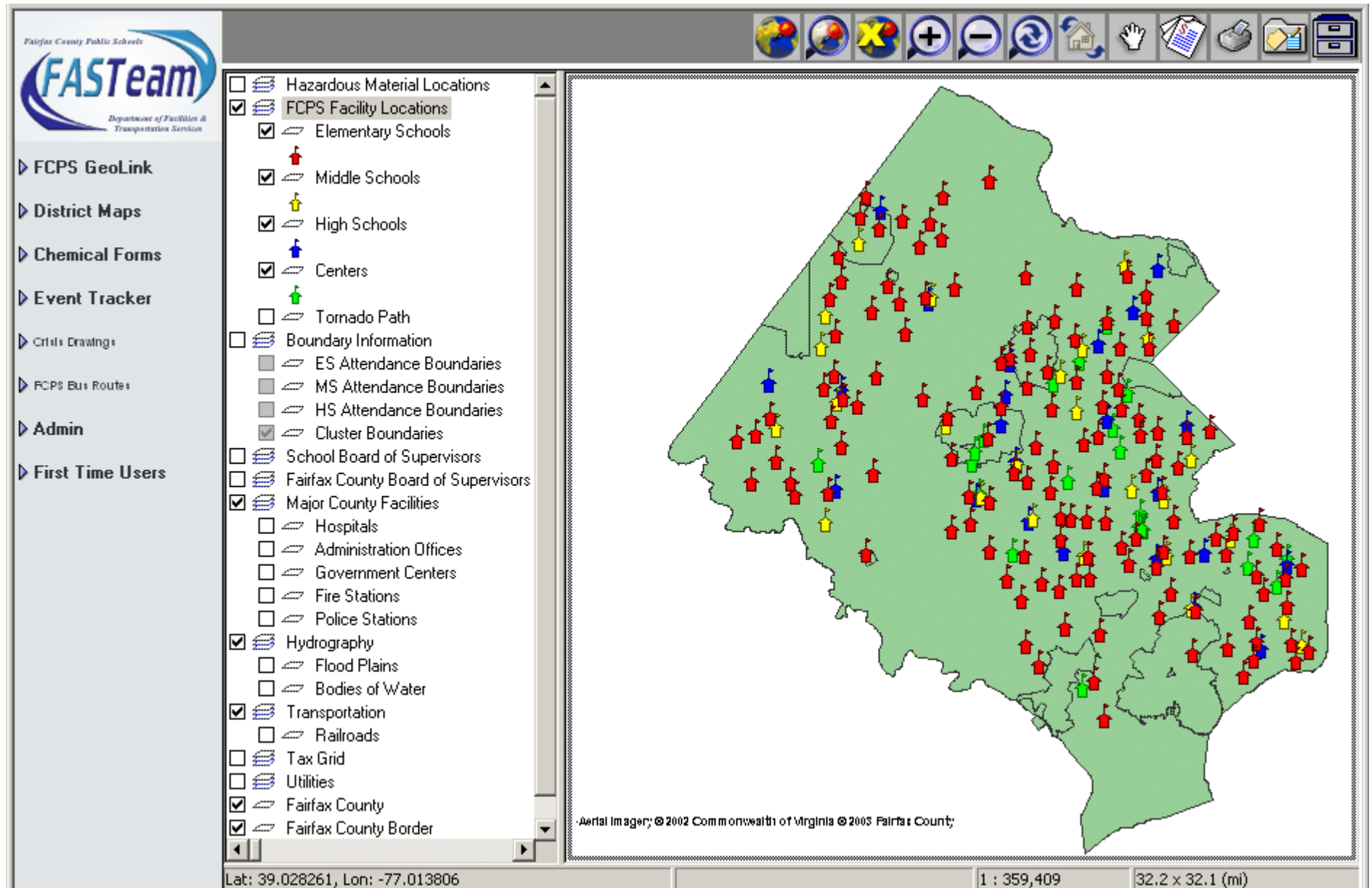
"FCPS GeoLink" - *Fairfax County Public Schools, Fairfax VA*

FCPS GeoLink is a web-based application that gives the user a single point of access to all types of facilities information. Using maps of our facilities, we can select a map object and perform a variety of functions, such as:

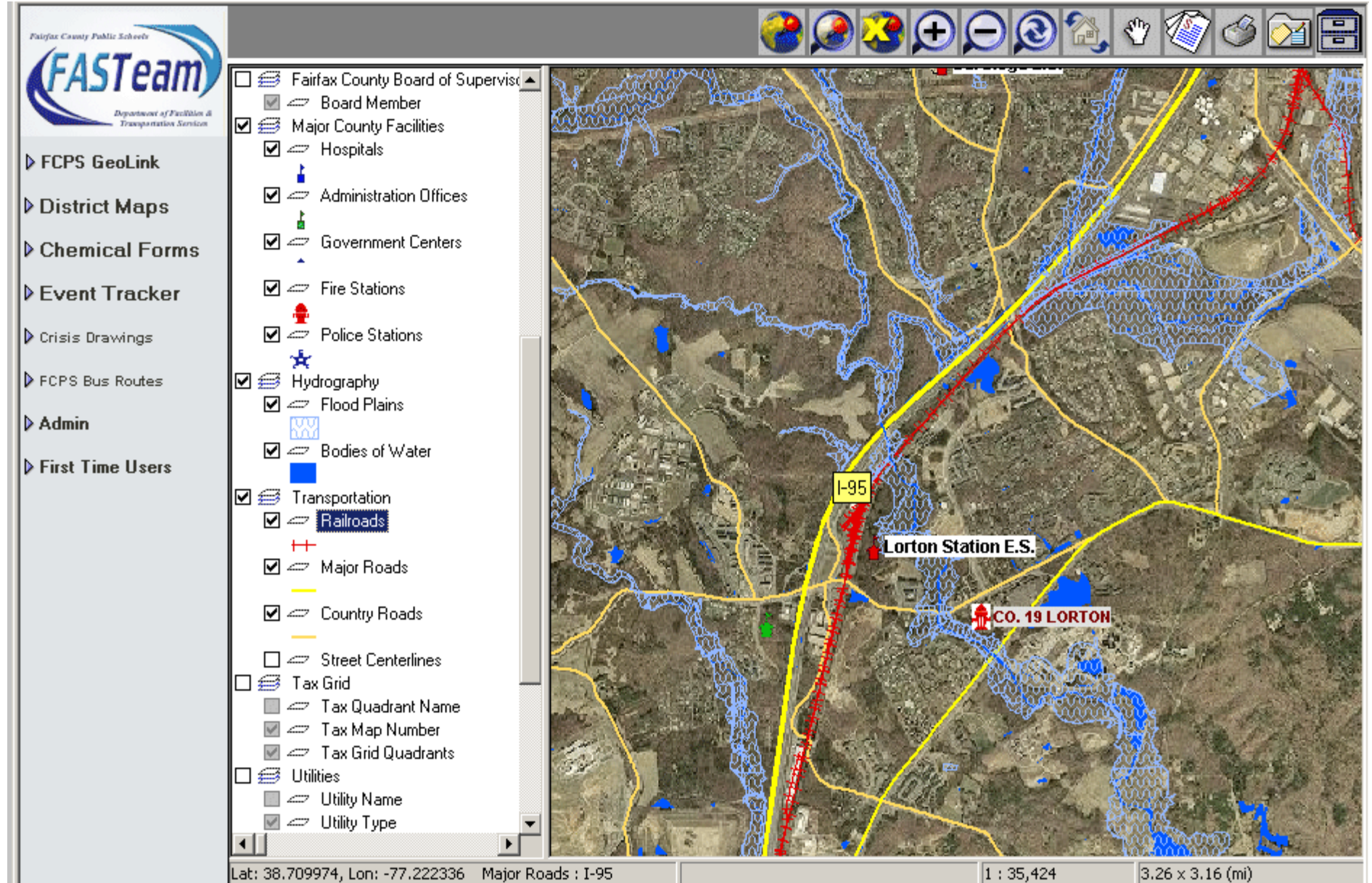
- View Aerial Photography of Fairfax County.
- View County Information such as Transportation, Hydrography, Utilities, Parcel Boundaries and Major Facilities (Hospitals, Police & Fire Stations and Gov. Centers)
- Turn map layers on and off to view additional FCPS information such as Clusters, Attendance Boundaries and School Locations.
- Access password protected layers containing LEPC Hazardous Material Storage Locations and view the schools they affect.
- Select a facility from a list and automatically zoom in to access information that is more detailed.
- Open specific floor plans and Site plans related to your facility (Comm. Closet Locations, Heating/Cooling Diagrams and Crisis and Security Information.)
- Use Document Manager to select a map object and attach documents of any type down to space/asset level.
- Search, Sort and Filter documents to view those linked to specific building levels and/or assets. (Pdf's, Tiff's, Bmp's, Word and Excel Docs)
- Link to various static and 360 images of facility Sites, Buildings, Roofs or Classroom Areas.
- Calculate distance between two points in your organization.
- Run Reports (Security, Bldg & Roof Assets, Facility Information, etc).
- Integrate with other web applications.

The following images are few screen shots from our site:

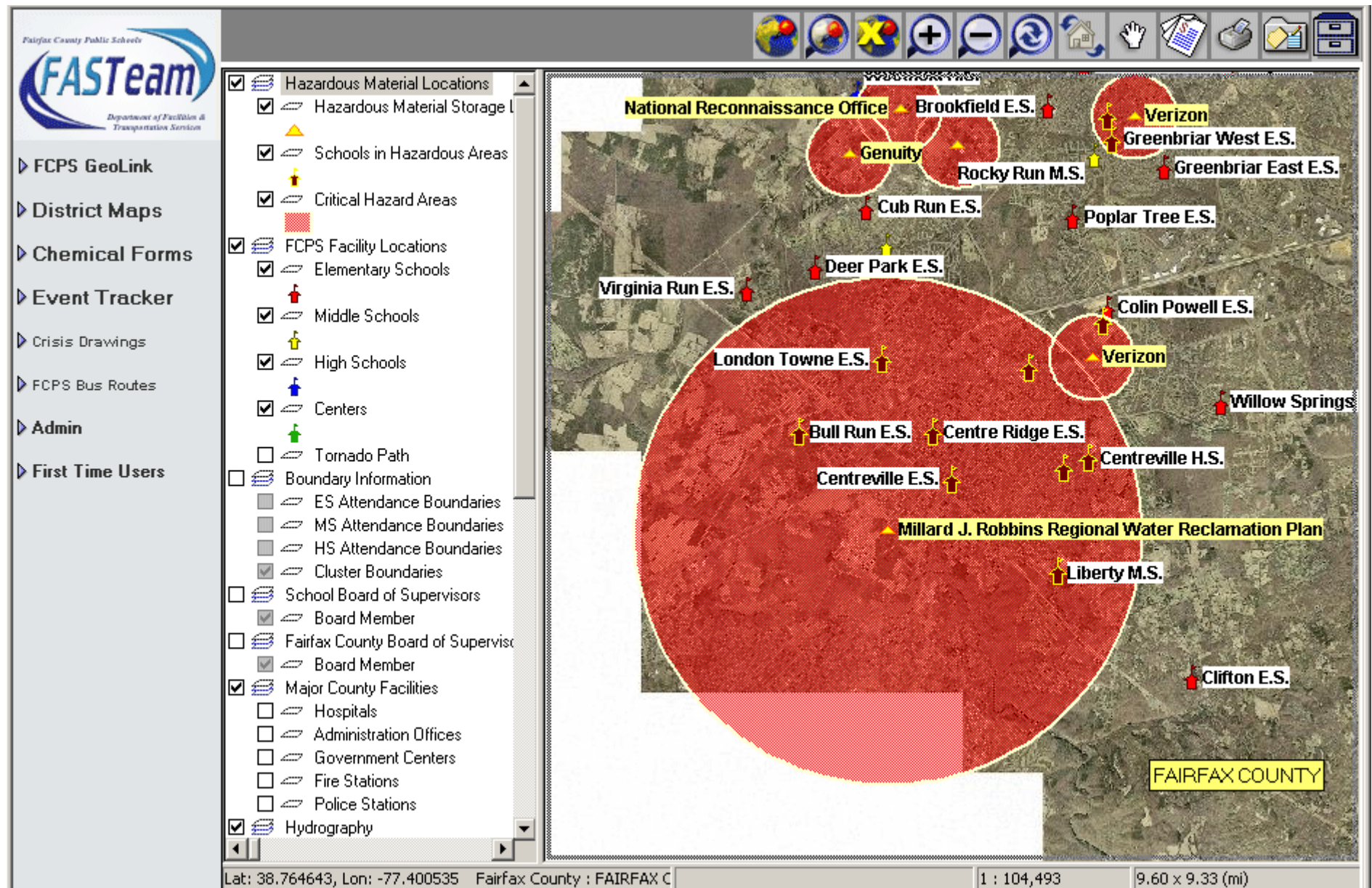
The secure website opens to a full overview map of Fairfax County displaying all school related facilities.



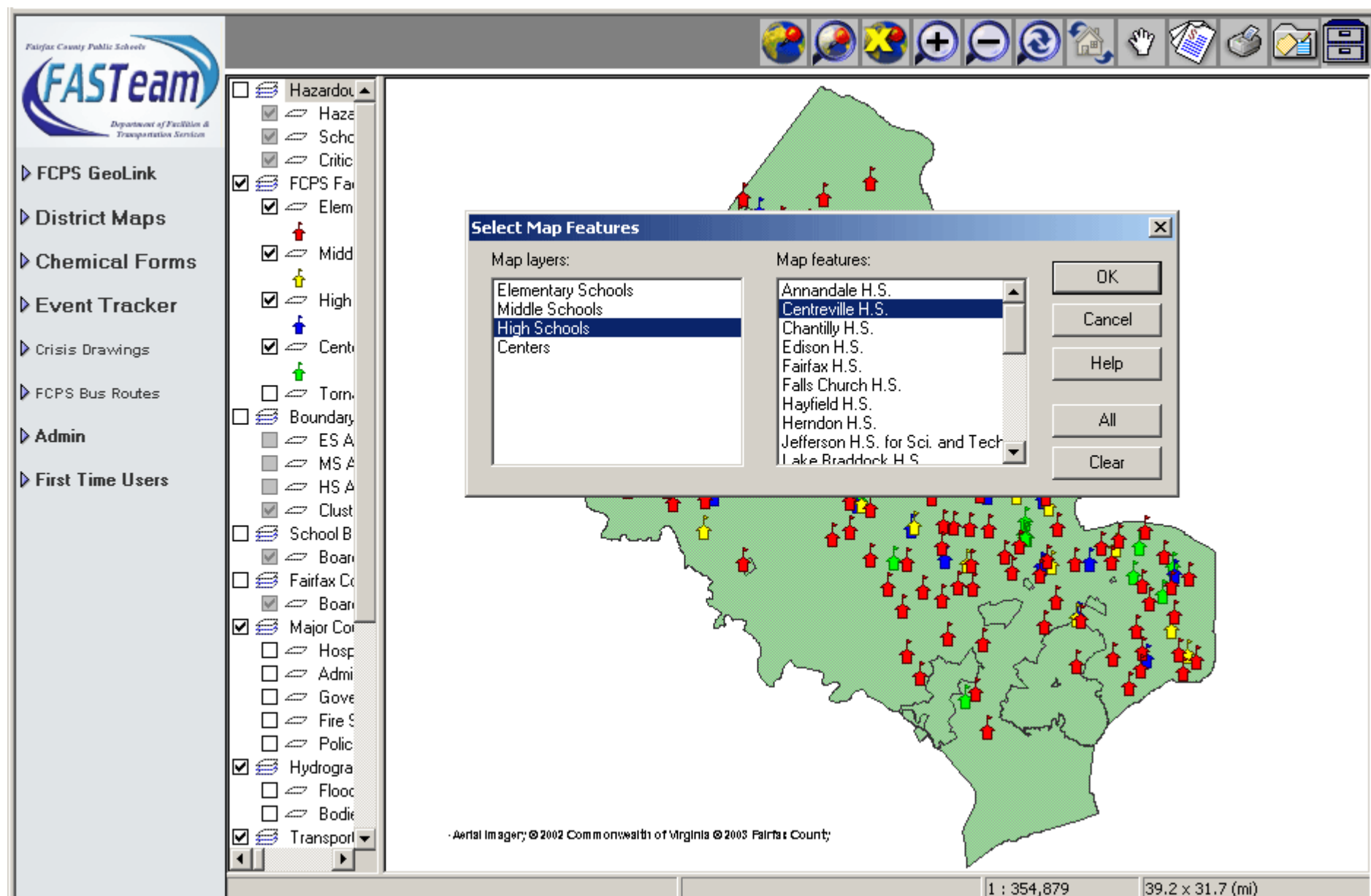
The layer legend provides the ability to turn map layers on and off as needed.



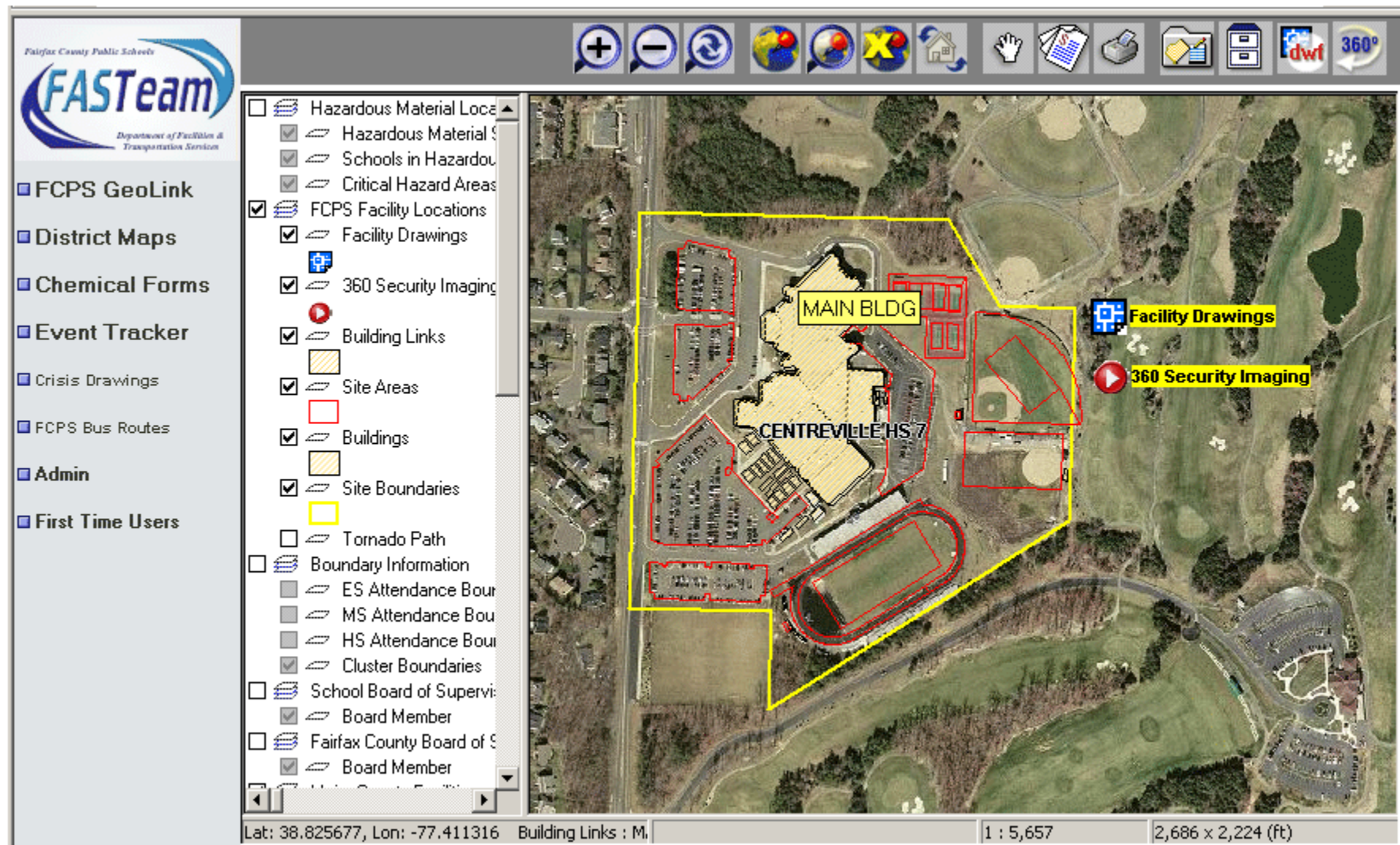
In addition to the site level security, we have assigned password protection to individual layers. This allows specified users to view information like LEPC Hazardous Material Locations and the affected schools within their radius.



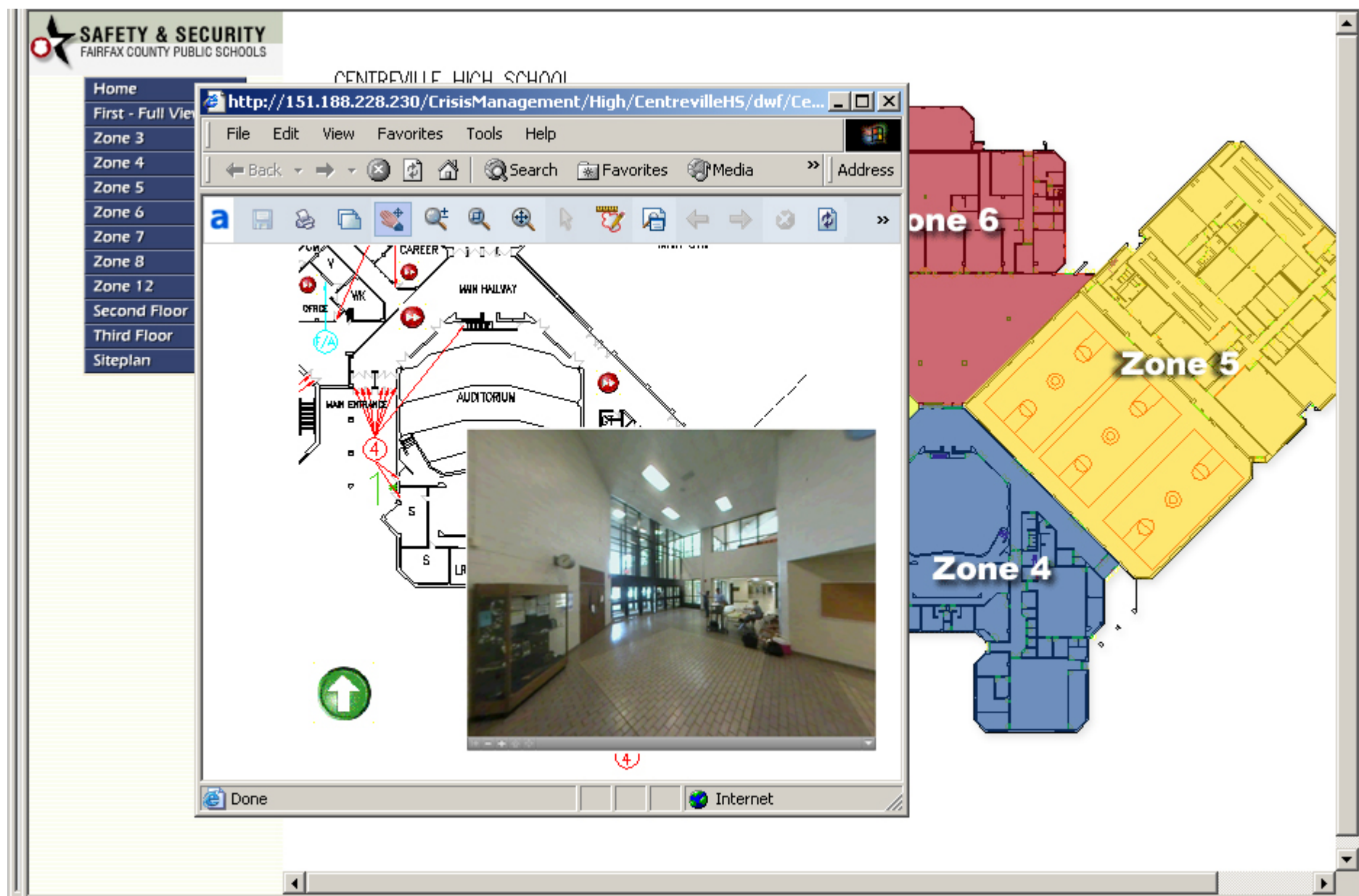
Select any map object from a list of available layers.



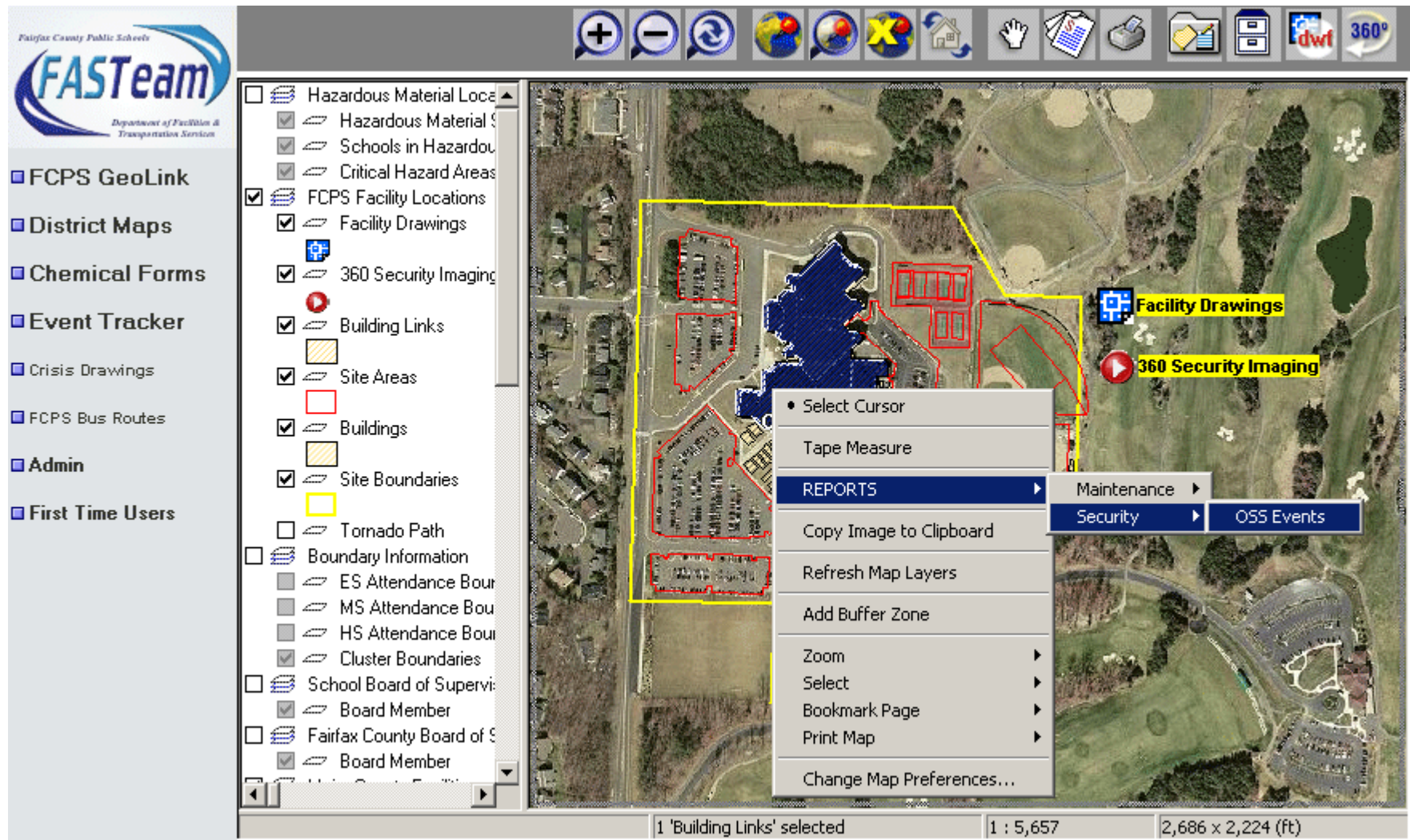
After selecting a map object, the map will automatically find and zoom into that location for you. Depending on the current zoom factor, additional layers will appear or disappear at different zoom levels.



Select map objects to link to a Facilities Floor plans, Security plans or 360 Security Imaging Project:



The Site Boundary, Areas and Main Building polygons have data attached, which allows us to interact with other web applications and/or run reports.



All maps include a Tape Measure tool for measuring distances.

The screenshot displays the FASTeam GIS application interface. On the left is a sidebar with the FASTeam logo and a list of navigation options: FCPS GeoLink, District Maps, Chemical Forms, Event Tracker, Crisis Drawings, FCPS Bus Routes, Admin, and First Time Users. To the right of the sidebar is a list of map layers with checkboxes. The layers include: Hazardous Material Locations, Hazardous Material Storage Locations, Schools in Hazardous Areas, Critical Hazard Areas, FCPS Facility Locations, DWF Links, Building Links, Site Areas, Buildings, Site Boundaries, Tornado Path, Boundary Information, School Board of Supervisors, Fairfax County Board of Supervisors, Major County Facilities, Hospitals, Administration Offices, Government Centers, Fire Stations, Police Stations, Hydrography, Flood Plains, Bodies of Water, Transportation, Railroads, Major Roads, Country Roads, Street Centerlines, Sidewalks, Tax Grid, Utilities, and Utility Name. The main map area shows an aerial view of a school campus with a red boundary line. A yellow callout box indicates a distance of 185 feet and a total of 394 feet. The text 'CENTREVILLE HS 7' is visible on the map. The bottom status bar shows the coordinates 'Lat: 38.825776, Lon: -77.412310', the site name 'Site Boundaries : CENTREVILLE HS 7', and the scale '1 : 1,164' and '557 x 549 (ft)'.

FASTeam
Department of Facilities & Transportation Services

FCPS GeoLink
District Maps
Chemical Forms
Event Tracker
Crisis Drawings
FCPS Bus Routes
Admin
First Time Users

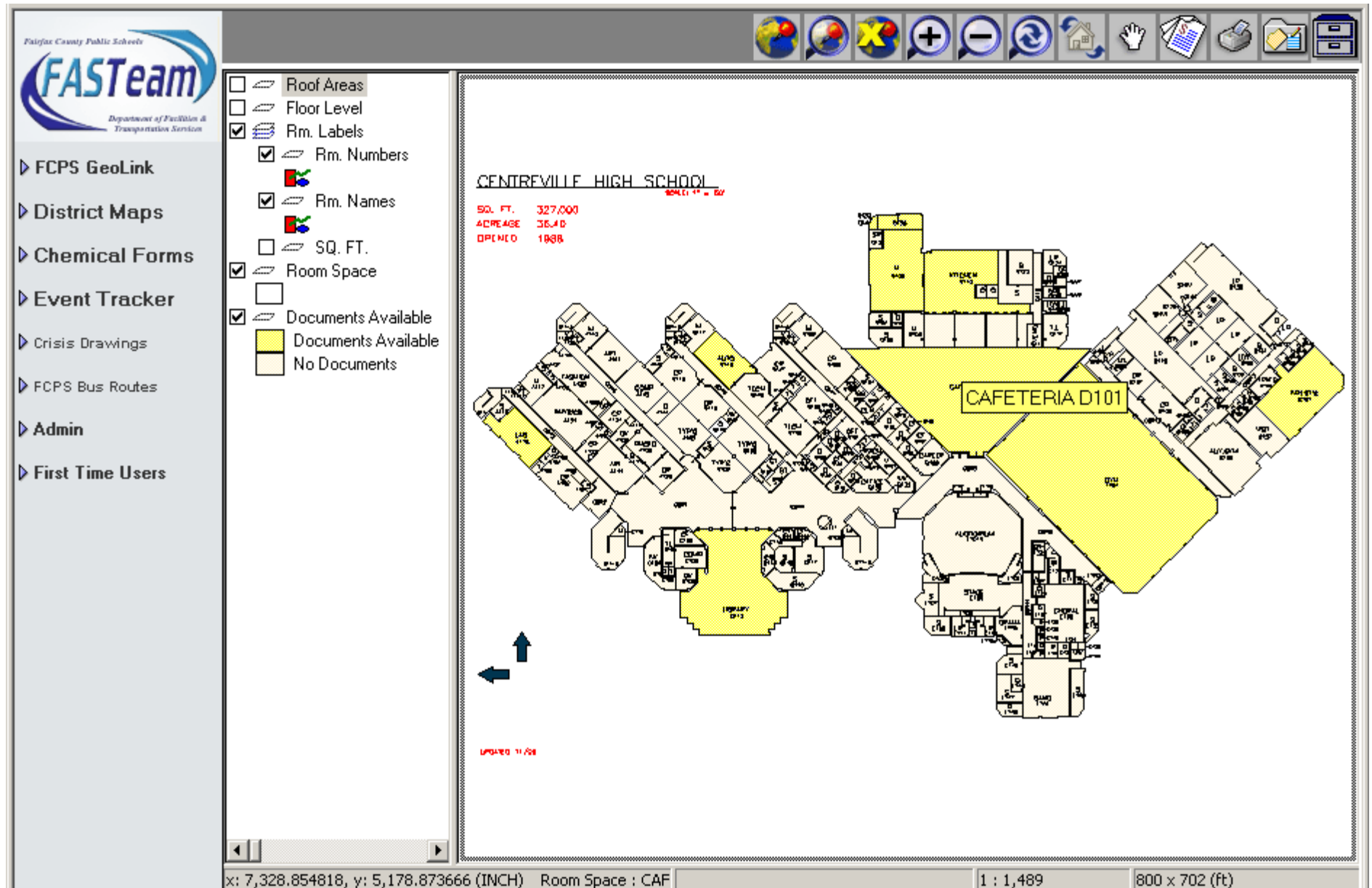
☐ Hazardous Material Locations
☒ Hazardous Material Storage Locations
☒ Schools in Hazardous Areas
☒ Critical Hazard Areas
☒ FCPS Facility Locations
☒ DWF Links
☒ Building Links
☒ Site Areas
☒ Buildings
☒ Site Boundaries
☐ Tornado Path
☐ Boundary Information
☐ School Board of Supervisors
☐ Fairfax County Board of Supervisors
☒ Major County Facilities
☐ Hospitals
☐ Administration Offices
☐ Government Centers
☐ Fire Stations
☐ Police Stations
☒ Hydrography
☐ Flood Plains
☐ Bodies of Water
☒ Transportation
☐ Railroads
☐ Major Roads
☐ Country Roads
☐ Street Centerlines
☐ Sidewalks
☐ Tax Grid
☐ Utilities
☐ Utility Name

Distance: 185 (ft)
Total: 394 (ft)

CENTREVILLE HS 7

Lat: 38.825776, Lon: -77.412310 Site Boundaries : CENTREVILLE HS 7 0 feature(s) selected 1 : 1,164 557 x 549 (ft)

From the county map, a user can double click on one of the buildings to drill down into the floor plan. Each room also has data attached that allows users to interact with other web applications and/or run reports.



Select a room and open a Document Manager to view all documents associated with that particular room.

The screenshot displays the FASTeam web application interface. On the left is a navigation menu with options like FCPS GeoLink, District Maps, Chemical Forms, Event Tracker, Crisis Drawings, FCPS Bus Route, Admin, and First Time User. The main area shows a floor plan with various rooms labeled, including SR D13, E D128, M D105, KITCHEN D110, S D123, LR D124, DR D125, and others. A document manager window is open in the foreground, displaying a list of documents for the selected room, MECHANICAL ROOM D105.

FASTeam
Department of Facilities & Transportation Services

FCPS GeoLink
District Maps
Chemical Forms
Event Tracker
Crisis Drawings
FCPS Bus Route
Admin
First Time User

Roof Areas
Floor Level
Rm. Labels
Rm. Numbers
Rm. Names
SQ. FT.
Room Space
Documents Available

Selected Documents:


Path Name	Group	Type	Category	View	Document	Save	Description
MECHANICAL ROOM D105	Photos	Electrical	Original		aloha.gif		aloha
MECHANICAL ROOM D105	Raster	HVAC/Mechanical	Original		ChillerPlant.gif		Chiller Plant Layout.
MECHANICAL ROOM D105	Photos	HVAC/Mechanical			ct 90.mov		360 view of Mechanical Rm.
MECHANICAL ROOM D105	Diagram	HVAC/Mechanical	Original		MechRoom.ecw		Mechanical Room HVAC Plan.

Document Viewer

Current Path:
FCPS, CENTREVILLE HS 7,
MAIN BLDG, 1ST FLOOR,
MECHANICAL ROOM
D105

Search For:
Group
Type
Category

Admin privileges allow specific users to add documents to map objects as well as remove them. (Ex: Attach MSDS Docs to Science Labs or Wiring Diagrams for Communications Closets)

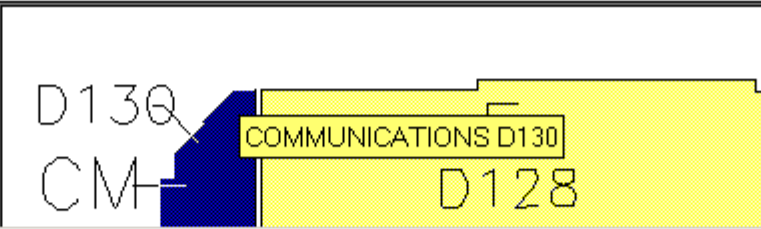


FASTeam
Department of Facilities & Transportation Services

FCPS GeoLink

District Maps

☐ Roof Areas
☐ Floor Level
☒ Rm. Labels
☒ Rm. Numbers
☒ Rm. Names



D130
CM-
COMMUNICATIONS D130
D128

FCPS Document Manager - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Document Manager

Search Documents **Add Document**

Add Document To: **FCPS, CENTREVILLE HS 7, MAIN BLDG, 1ST FLOOR, COMMUNICATIONS D130**

Select Criteria >

DOCUMENT MEDIA: DESCRIPTION:

DOCUMENT TYPE:

PROJECT TYPE:

DOCUMENT: Browse...

Save

Delete?	Path	Group	Type	Category	Document	Description	Update?
<input type="checkbox"/>	COMMUNICATIONS D130	Photos	Network	Original	Comm Room Detail.JPG +	Comm. Rm from door.	<input type="checkbox"/>
<input type="checkbox"/>	COMMUNICATIONS D130	Photos	Network	Original	Rack Detail.JPG +	Rack Detail	<input type="checkbox"/>
<input type="checkbox"/>	COMMUNICATIONS D130	Diagram	Network	Original	C.B.s. Controllers.gif +		<input type="checkbox"/>